

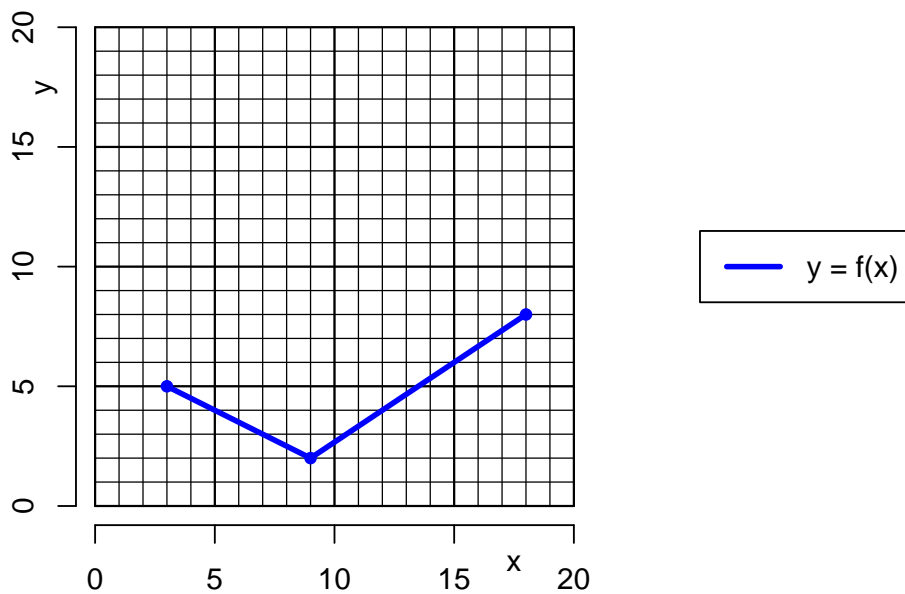
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 17)

### Question 1

Curve  $y = f(x)$  contains points  $(3, 5)$  and  $(9, 2)$  and  $(18, 8)$ , as shown on the  $x$ - $y$  plane below.

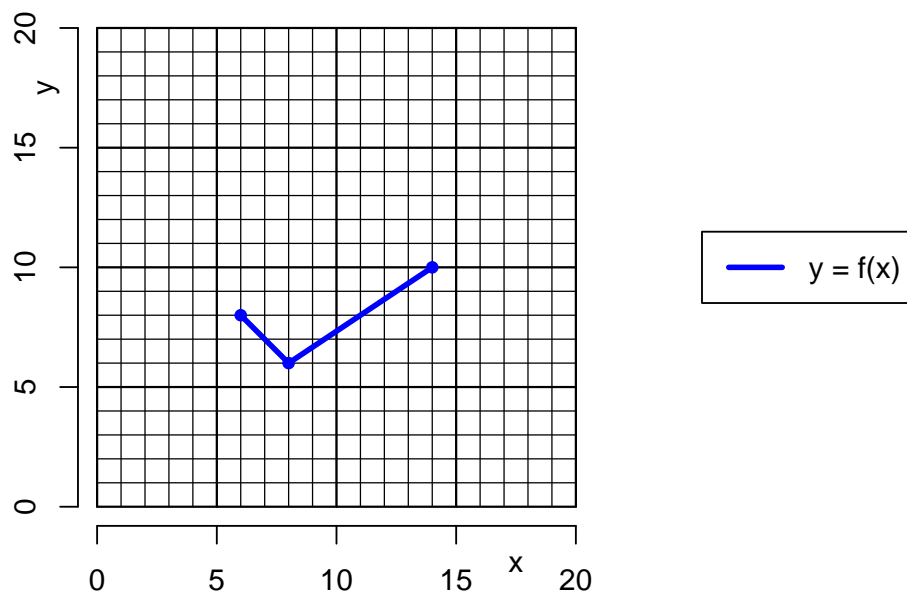


On the same plane, please draw the curve represented by the equation below:

$$y = 2(f[3x + 3] + 1)$$

## Question 2

Curve  $y = f(x)$  contains points  $(6, 8)$  and  $(8, 6)$  and  $(14, 10)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2(x+2)] - 6)$$